

“Improved Duplicate Network Address Detection”

ABSTRACT OF THE DISCLOSURE

[0070] A plurality of data packets encoded according to a first protocol are received
5 which encapsulate data encoded according to a second protocol. A first source
address is extracted from the packets according to the first protocol, it is determined
whether or not the first source address is a substantial duplicate of a known assigned
address. If it is a duplicate, a second source address is extracted from the
encapsulated data according to the second protocol, and the first source address and
10 said second source address are provided in an enhanced error log so that a system
administrator may correct the duplicate assigned address. Enhanced embodiments of
the invention included analysis of data encapsulated by a third, fourth and subsequent
protocols, and automatic determination of each protocol encoding format.

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